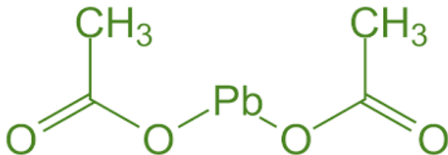




# RASHDEEP CHEMICALS

## Technical Data Sheet: Lead(II) acetate

1	Chemical Name	Lead (II) Acetate Anhydrous
2	CAS No	301-04-2
3	Synonym (s)	Plumbous acetate
4	Chemical Formula	(Pb(CH <sub>3</sub> COO) <sub>2</sub> )
5	Chemical Structure	
6	Molecular Weight	325.29gm/mol
7	Description	A white crystalline solid with a slightly sweet taste
8	Solubility	Soluble in water, methanol, ethanol, and glycerol
9	Storage and Handling	Store it in a cool, well-ventilated place, keep the container tightly closed, and avoid exposure to incompatible substances like strong acids, oxidizers, and bases.
10	Uses	<ul style="list-style-type: none"><li>● <b>Laboratory Reagent:</b> Lead acetate is used in laboratory experiments and as a reagent for preparing other lead compounds.</li><li>● <b>Cosmetics:</b> It has been used in cosmetics, including hair dyes, although its use in this area is now restricted due to toxicity concerns.</li></ul>



# RASHDEEP CHEMICALS

## Historical Uses:

- **Sweetener and Preservative:** Historically, lead acetate was used as a sweetener and preservative in wines and other foods, but this practice is now known to be dangerous due to the toxicity of lead.
- **Gold Mining:** It finds application in gold mining processes.
- **Waterproofing and Insecticides:** It has been used in waterproofing, insecticides, and antifouling paints.